

Claims:

- 1 1. A method in which a computer acquires particular data
2 through a network, said method comprising steps of:
3 detecting an activation instruction to activate a particular
4 program;
5 performing particular data acquisition processing for
6 acquiring the particular data through the network, when an
7 activation instruction to activate the particular program is
8 detected; and
9 thereafter, activating said particular program whose
10 activation has been instructed.
- 1 2. A method according to Claim 1, wherein:
2 said activation instruction to activate the particular
3 program is an activation instruction to activate a program that
4 sends and receives communication.
- 1 3. A method according to Claim 2, wherein:
2 said particular data acquisition processing is processing of
3 updating a security file.
- 1 4. A method according to one of Claims 1 and 2, wherein:
2 activation of said particular program whose activation has
3 been instructed is activation of said program that sends and
4 receives communications and whose activation has been
5 instructed.

1 5. A system for acquiring particular data through a network,
2 comprising:
3 a means that detects an activation instruction to activate
4 a particular program;
5 a means that performs particular data acquisition
6 processing for acquiring particular data through the network,
7 when an activation instruction to activate the particular program
8 is detected; and
9 a means that activates said particular program whose
10 activation has been instructed, after said particular data
11 acquisition processing.

1 6. A system according to Claim 5, wherein:
2 said means that gives the activation instruction to activate
3 said particular program is a means that gives an activation
4 instruction to activate a program that sends and receives
5 communications.

1 7. A network security enhancing system for a computer,
2 comprising:
3 a means that activates processing of updating a security
4 file at activation of a program that connects to a network and
5 sends and receives communications, after processing of connection
6 to said network and before other processing.

1 8. A network security enhancing system according to Claim 7,
2 further comprising:
3 a means that displays a message reporting completion of

4 said processing of updating the security file, after the processing
5 has been completed.

1 9. A network security enhancing system according to Claim 7,
2 comprising:

3 a means that detects first activation of a program that
4 connects to the network and sends and receives communications,
5 in a state that an already-operating computer is no connected to
6 the network; and

7 a means that activates the processing of updating the
8 security file at activation of said program, after processing of
9 connection to said network and before other processing.

1 10. A network security enhancing system according to Claim 7,
2 wherein:

3 said processing of updating the security file is processing
4 of acquiring amendment of a definition file used for an antivirus
5 countermeasure.

1 11. A network security enhancing system according to Claim 7,
2 wherein:

3 said processing of updating the security file is processing
4 of acquiring a patch file.

1 12. A network security enhancing system according to Claim 7,
2 further comprising:

3 a means that activates the processing of updating the
4 security file at activating a browser and before displaying a

5 screen.

1 13. A network security enhancing system according to Claim 7,
2 further comprising:

3 a means that outputs a message requesting activation of
4 the processing of updating the security file, after said program
5 that connects to the network and sends and receives
6 communications connects to the network and before said program
7 starts communication operation.

1 14. A network security enhancing system according to Claim 7,
2 further comprising:

3 a means that outputs a message requesting activation of
4 the processing of updating the security file, at activation of a
5 browser and before displaying a screen.

1 15. A network security enhancing system for computer,
2 wherein:

3 said network security enhancing system comprises a
4 means that automatically generates a control program; and

5 said control program detects a program that is installed on
6 the computer and connects to a network and sends and receives
7 communications, activates processing of connecting to the network
8 and processing of updating a security file, and thereafter
9 activates said program that sends and receives communications.

1 16. A network security enhancing program, wherein:

2 said network security enhancing program makes a

3 computer operate to activate processing of updating a security file
4 at activation of a program that connects to a network and sends
5 and receives communications, after connection to the network and
6 before other processing.

1 17. A network security enhancing program, wherein:
2 said network security enhancing program makes a
3 computer perform processing of automatically generating a control
4 program;
5 said control program detects a program that has been
6 installed in the computer and connects to the network and sends
7 and receives communication; and
8 then, said control program activates processing of
9 connection to said network, activates processing of updating a
10 security file, and thereafter activates said program that sends and
11 receives communication.